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|---|--------------------------------|--|
| <b>Search Notes</b>   | <b>Application/Control No.</b> | <b>Applicant(s)/Patent Under Reexamination</b> |
|   | 10531569                       | ZHANG ET AL.                                   |
|  | <b>Examiner</b>                | <b>Art Unit</b>                                |
|   | Eleni A. Shiferaw              | 2436   |

## SEARCHED

| <b>Class</b> | <b>Subclass</b>                       | <b>Date</b> | <b>Examiner</b> |
|--------------|---------------------------------------|-------------|-----------------|
| 709          | 227, 230 with keyword search          | 12/04/2007  | RLP             |
| 713          | 150-156, 168, 170 with keyword search | 12/04/2007  | RLP             |
| 370          | 401,352                               | 7/23/10     | es              |
| 713          | 150, 168-170                          | 2/26/11     | es              |
| 709          | 224-227 and 230                       | 2/26/11     | es              |

## SEARCH NOTES

| <b>Search Notes</b>                             | <b>Date</b>     | <b>Examiner</b> |
|---|-----------------|-----------------|
| EAST-USPGPUB, USPAT, USOCR, EPO, JPO, DERWENT   | 12/04/07/2007   | RLP             |
| Inventor's Search                               | 12/07/2007      | RLP             |
| EAST-USPGPUB, USPAT, EPO, JPO, DERWENT, IBM_TDB | 06/10/2008      | RLP             |
| updated EAST search                             | 2/15/09         | es              |
| NPL ProQuest                                    | 2/15/09         | es              |
| updated EAST search                             | 8/16/09 12/5/10 | es              |
| updated EAST search                             | 2/11/10         | es              |
| EAST is updated                                 | 7/23/10         | es              |
| Inventor name search is update (PALM)           | 7/23/10         | es              |
| NPL seach google is updated                     | 7/23/10         | es              |
| updated EAST search                             | 2/26/11         | es              |
| updated Inventor search                         | 2/26/11         | es              |
| 709/224-227 and 230 with text searched          | 2/26/11         | es              |
| NPL searched ACM attached                       | 2/26/11         | es              |

## INTERFERENCE SEARCH

| <b>Class</b>  | <b>Subclass</b> | <b>Date</b> | <b>Examiner</b> |
|---|-----------------|-------------|-----------------|
| please see the search report attached for interference searched |                 | 2/26/11     | es              |

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